

WHAT IS CLAIMED IS:

1. A process for the production of polycarbonate using equipment having leakage rate less than 10^{-3} liter He x mbar/sec.
2. The polycarbonate prepared by the process according to Claim 1.
- 5 3. A molded article comprising the polycarbonate of Claim 2.
4. An extrudate comprising the polycarbonate of Claim 2.
5. An optical data storage medium comprising the polycarbonate according to Claim 2.
6. A process for the production of a molded polycarbonate article comprising
10 using equipment having leakage rate that is less than 10^{-3} liter He x mbar/sec.
7. The molded article prepared by the process of Claim 6.
8. An process for the production of an extruded article comprising using equipment having leakage rate that is less than 10^{-3} liter He x mbar/sec.
- 15 9. The extruded article prepared by the process of Claim 8.
10. A process for determining a leakage rate in an apparatus comprising connecting a helium detector to the vapor lines of the apparatus, flushing all potential leaks with helium from a gas lance, and measuring the leakage using a detector.